

**IN THE CLAIMS:**

1. (Cancelled)

2. (New) A method for reproducing information recorded on a recording medium, comprising:

irradiating a laser beam on a track of the recording medium to generate a reproducing signal; and

executing an equalization processing for reducing an inter-symbol interference by continuously changing a gain of amplitude regulation circuit in accordance with the reproducing signal.

3. (New) A method for reproducing information according to Claim 2, wherein the smaller an absolute value of the reproducing signal, the greater the gain.

4. (New) A method for reproducing information according to Claim 2, wherein the large gain is used for a short mark, and the small gain is used for a long mark.

5. (New) A method for reproducing information according to Claim 2, wherein said gain is corresponding to an equalization coefficient.